

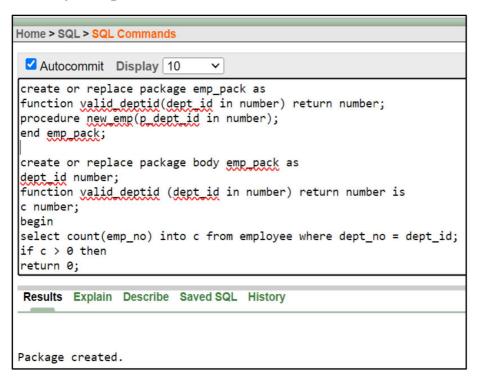


Practical 17

Aim: To perform the concept of package

- 1. Create a package specification and package body called EMP_PACK that contains your NEW_EMP procedure as a public construct, and your VALID_DEPTID function as a private construct. (You can save the specification and body into separate files.)
- 2. Invoke the NEW_EMP procedure, using 40 as a department number. Because the dept_no 40 does not exist in the DEPT table, you should get an error message as specified in the exception handler of your procedure.
- 3. Invoke the NEW EMP procedure, using an existing department ID 80.

i)Query-Output:



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create or replace package body emp pack as dept id number; function valid deptid (dept id in number) return number is c number; begin select count(emp no) into c from employee where dept no = dept id; if c > 0 then return 0; else return 1; end if; end valid deptid; procedure new emp(p dept id in number) is el exception; begin if valid deptid(dept id) = 0 then dbms outnut nut line('Valid Department ID').

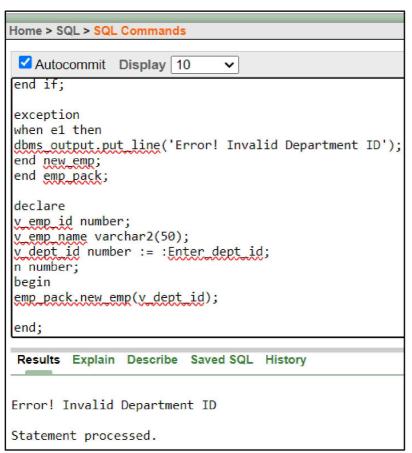
Results Explain Describe Saved SQL History
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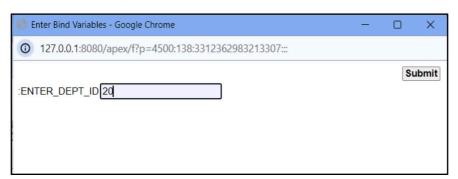


ii)Query-Output:



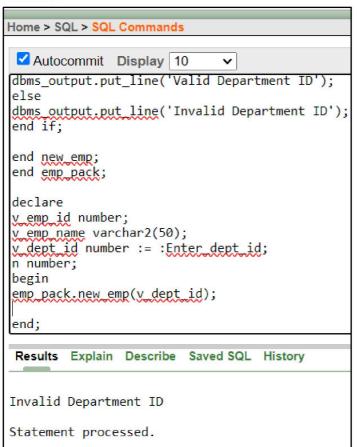


iii)Query-Output:









Conclusion: From this practical I learned the concept of Packages in PL/SQL.

Staff Signature:

Grade:

Remarks by the Staff: